

Electronic Acknowledgement Receipt

EFS ID:	4946484
Application Number:	10626420
International Application Number:	
Confirmation Number:	9856
Title of Invention:	Method and apparatus for implementing processor instructions for accelerating public-key cryptography
First Named Inventor/Applicant Name:	Sheueling Chang Shantz
Customer Number:	58467
Filer:	Robert C. Kowert/Dena Poudrier
Filer Authorized By:	Robert C. Kowert
Attorney Docket Number:	6000-32301
Receipt Date:	11-MAR-2009
Filing Date:	24-JUL-2003
Time Stamp:	14:59:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	171
Deposit Account	501505
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	
Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	IDS3.pdf	42643 0xa15/0195aBx105A716fB4B6763d1f7e 6950	no	8

Warnings:

Information:

This is not an USPTO supplied IDS fillable form

2	NPL Documents	A-Compact-Fast-Variable.pdf	171180 0.5<e<0.981094.0/0.8300.810976.0 e<33	no	2
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Warnings:

Information:

3	NPL Documents	Additional-ECC-Groups-for-IKE.pdf	703606 29811ad/c/a/ab/01343c27041c263d1904a77a33	no	18
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Warnings:

Information:

4	NPL Documents	A-Fast-Algorithm-for-Computing.pdf	255656 374b41b1d3c0e1Becc8e7379455fb6481bf1a8	no	4
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Warnings:

Information:

5	NPL Documents	A-High-Performance-Reconfigurable-Elliptic.pdf	1235431 9758fd4339d7d19851e1cf5e0c6e24fa602e3	no	16
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Warnings:

Information:

6	NPL Documents	A-Less-Recursive-Variant.pdf	477104 40faac1c3b1f9a932c55d1e8e48ba6329513 92ic	no	8
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Warnings:

Information:

7	NPL Documents	An-Energy-Efficient-Reconfigurable-Public-Key.pdf	1264887 4daa54dfe28ec114608936c05109f0a18	no	14
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Warnings:

Information:

8	NPL Documents	An-Implementation-of-Elliptic.pdf	796065	no	10
			703666cfBfc3d21789df2fa5af168cc192 See		

Warnings:

Information:

9	NPL Documents	A-Practical-Implementation.pdf	965310 aa929e3f931ca93fb44d4df5ec899d176c35 8539	no	15
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Warnings:**Information:**

10	NPL Documents	Comparing-Elliptic-Curve.pdf	812516 4c3ff010d8d6c5994c53ff8b4420a24451 d74d	no	14
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Warnings:**Information:**

11	NPL Documents	Digital-Signature-Standard.pdf	1878846 cbf64216c11279435a22dd54d6b716f011 ba	no	76
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Warnings:**Information:**

12	NPL Documents	ECC-Cipher-Suites-for-TLS-031501.pdf	834279 8d6ffacecc4bb23497a18c689d526951719 e09187	no	22
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Warnings:**Information:**

13	NPL Documents	ECC-Cipher-Suites-for-TLS.pdf	897679 ab62a7b3a267b2c4ff390033bc5161815 9bc2	no	32
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Warnings:**Information:**

14	NPL Documents	Efficient-Algorithms-for-Elliptic-Curve-Cryptosystems.pdf	842966 4f8ff3f1f6652b415b3f7976d98de7b148 bb96	no	16
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Warnings:**Information:**

15	NPL Documents	Elliptic-Curve-Cryptography.pdf	1750123 ed1e664c34fffc193d80272ee5bccdc9aa 9660	no	22
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Warnings:**Information:**

16	NPL Documents	Elliptic-Curve-Cryptosystems.pdf	535310 0b1f92c1d666a04c3204b4c0c73e0dd134fb d5f6a	no	8
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Warnings:**Information:**

17	NPL Documents	Exponential-Cryptosystems.pdf	1031564 2af1f530b13d363093f03a63f60c161bf4a b64fd0	no	13
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Warnings:**Information:**

18	NPL Documents	Fast-Key-Exchange.pdf	1575010 2f990d4ab6b54c5e9f90157f13a7d3ff a6cb	no	14
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Warnings:**Information:**

19	NPL Documents	Fast-Multiplication-on-Elliptic-Curves.pdf	689314 1deae1db06e9934a5cb9281ce94c44ab c6869	no	12
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Warnings:**Information:**

20	NPL Documents	From-Euclid's-GCD-to-Montgomery.pdf	542033 b6fb3e2e9541-264f0-442b2-e14aa0798f7 f713	no	14
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Warnings:**Information:**

21	NPL Documents	Generalizations-of-the-Karatsuba-Algorithm.pdf	736556 46d89b70ec81d41be88a3c2004ba2a1e6c 188c5	no	24
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Warnings:**Information:**

22	NPL Documents	Guide-To-Elliptical-Curve-Cryptography.pdf	3711315 a0fe261296737e495c735862e97292e4f 44602	no	57
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Warnings:**Information:**

23	NPL Documents	High-Radix.pdf	449413 08e91b8954b7c259f6648d944ee9588e d82279	no	6
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Warnings:**Information:**

24	NPL Documents	Incomplete-Reduction.pdf	510750 769e6d4b232137fd321747e89a0b70a5f9 cc4b	no	8
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Warnings:**Information:**

25	NPL Documents	Low-Energy-Digit-Serial-Parallel-Finite.pdf	969608 3313b1b31d7d40e0f139d54fbba95e1a 70dd19	no	18
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Warnings:**Information:**

26	NPL Documents	Mastrovito-Multiplier.pdf	932278 a64a819670d0dced6f8512c0ce25afca860 c921	no	16
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Warnings:**Information:**

27	NPL Documents	Rapid-Prototyping.pdf	471348 0f1fb7af11ee5e3440ffbf1198cde15eb0d6c 472	no	6
Warnings:					
Information:					
28	NPL Documents	Reconfigurable-implementation.pdf	602384 1dc79ca3836372a9bb6d78bfefbfb11ab500 4a70db	no	8
Warnings:					
Information:					
29	NPL Documents	RFC-2246-on-The-TLS-Protocol.pdf	3045563 34b9bb1000edc204ff246ff0fc5c42ff1 15ab92	no	82
Warnings:					
Information:					
30	NPL Documents	Speeding-Up-Secure-Web.pdf	751639 e8b8ed7cd6176f4929e782f8e8339ff93d 1bc501	no	9
Warnings:					
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31	NPL Documents	Standards-for-Efficient-Cryptography.pdf	1923644 650710d58638ec3460e7c28137ffbf1d790 477fc	no	52
Warnings:					
Information:					
32	NPL Documents	TWIRL.pdf	370110 488d34c5e4ee729db9560ff00813ac560 d46	no	5
Warnings:					
Information:					
33	NPL Documents	Use-of-Elliptic-Curves.pdf	547568 1499b126e63d4b915f153edec6a79ed3e ad8d	no	10
Warnings:					
Information:					
34	Fee Worksheet (PTO-06)	fee-info.pdf	30028 d2d4028ed8ed30ab66d27aaf995ec0a2451 25ce1	no	2
Warnings:					
Information:					
Total Files Size (in bytes):				32353726	

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.